292

295

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297

hart er equivale	• • • • • • • • • • • • • • • • • • • •	as an Exhibit a map /Sectional Aeronautical ely, and with latitude and longitude markings	Exhibit No DNA
) the proposed	auxiliary 1 mV/m contour; and		
		hich the applied-for facility will be auxiliary. ee 47 C.F.R. Section 73.1875. (File	
errain and cover	age data Ito be colculated in occurdance wit	h 47 C.F.R. Section 73.3131.	
Source of terral	n data: Ichock only one box beloof		
W		1 7 E miliodo do a completo mante	
X Linearly inte	rpolated 30-second database	7.5 minute topographic map	
<u> </u>	-	7.5 minute topographic map	
(Source: _	-	7.5 minute topographic map	
(Source: _	-	7.5 minute topographic map	
(Source: _	NGDC		
(Source: _	NGDC	Predicted Distances to the 1 mV/m contour	
(Source:	NGDC Height of radiation center above	Predicted Distances	
(Source:	NGDC Height of radiation center above average elevation of radial from	Predicted Distances	
(Source: Other /4-/4 Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km	Predicted Distances to the 1 mV/m contour	
(Source:	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers) 36.2	
(Source: Other /4-/4 Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 18 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)	
(Source:	Height of radiation center above average elevation of radial from 3 to 16 km (meters) 305	Predicted Distances to the 1 mV/m contour (kitometers) 36.2	
(Source: Other (Arial Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers) 36.2	

Allocation Studies (See Subport C of 47 C.F.R. Part 73)

35.6

35.7

35.7

35.8

(See Subpart C of 47 C.F.R. Part 73)			
19	, is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico?	Yes X	
	If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the SR to 108 Mexican States.	Exhibit No.	

180

225

270

315

20, is the proposed antenna location within 320 kilometers of the common border between the United States and Canada?	Yee X N
If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation, of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947.	
21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following:	1964a b 1
(a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.	
(b) Complete normally protected interference-free contours of all other proposals and existing stations	
to which objectionable interference would be caused: (c) Interfering contours over pertinent arcs of all other proposals and existing stations from which the stationable interference would be seenly decided.	
objectionable interference would be received. (d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing	
stations, which require study to show the absence of objectionable interference. (e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call	
letters, file numbers and operating or proposed facilities. (f) When necessary to show more detail; an additional allocation study will be attached utilizing a map	
with a larger scale to clearly show interference or absence thereof. (g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire	
Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified. (h) The name of the map(s) used in the Exhibit(s).	
22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ Isoparation requirements involving interesting interesting (i.f.) interference).	Exhibit No.
23(a) is the proposed operation on Channel 218, 219, or 220?	Yes X No
(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. DNA	Yes No
(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223.	Exhibit No. DNA
(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose.	Exchibit No. DNA
	•

* See attached engineering statement.

^{1/} A showing that the proposed operation meets the minimum distance separation requirements, include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-B - FM BROADCAST ENGINEERING DATA (Page 6)

	(e) If authorization pursuant to 47 CFR. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the tack of prohibited overlap of contours involving affected stations. The engineering study must include the following:	I PALA I
	 Protected and interfering contours, in all directions (380°), for the proposed operation. Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location. 	
	(3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.	
	 (4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified. (5) The official title(s) of the map(s) used in the exhibits(s). 	
24.	is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?	X v=
	If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.	Exhibit No.
25	In the personnel station for a channel in the cases from Channel 221 to 200 (92.1-107.9 MHz)?	T yes X N

26. Environmental Statement (See 47 C.F.R. Section 7.138) et seq./

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

Yes X No

Exhibit No.

DNA

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

if Yes, attach as an Exhibit information required in 1/. (Except for Class 8 (secondary) proposals.)

Exhibit No. DNA

If No, explain briefly why not.

* Antenna will be side-mounted on existing guyed tower.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name (Typed or Printed) Keith G. Blanton	Relationship to Applicant (e.g., Consulting Engineer) Consulting Engineer			
Signature Heith D. Blanton	Address (Inclode 219 Code) KESSLER AND GEHMAN ASSOCIATES, INC. 1511 N. W. Sixth Street Gainesville, Florida 32601			
November 17, 1989	Telephone No. (Include Area Cade) (904) 376-3157			

^{*} See attached engineering statement.

ENGINEERING STATEMENT OF KEITH G. BLANTON OF THE FIRM OF KESSLER AND GERMAN ASSOCIATES, INC., CONSULTING ENGINEERS, IN CONNECTION WITH THE APPLICATION OF SOUTHWEST FLORIDA COMMUNITY RADIO, INC.

FOR A CONSTRUCTION PERMIT FOR A NEW FM BROADCAST STATION
WHICH WOULD OPERATE ON CHANNEL 202 WITH AN EFFECTIVE RADIATED POWER OF
1.9 KILOWATTS HORIZONTALLY AND VERTICALLY POLARIZED
AT AN EFFECTIVE ANTENNA HEIGHT OF 300 METERS ABOVE AVERAGE TERRAIN
IN THE VICINITY OF CONWAY, FLORIDA

I, Keith G. Blanton, am an associate of Kessler and Gehman Associates, Inc., with offices in Gainesville, Florida. I have been working in the field of radio and television consulting engineering since 1961. I graduated from Duke University in 1951 with a Bachelor of Science degree in Physics.

This firm has been employed by Southwest Florida Community Radio, Inc. to make engineering studies and to prepare the engineering portion of an application for construction permit for a new Frequency Modulation Broadcast Station which would operate on Channel 202 with an effective radiated power of 1.9 kilowatts horizontally and vertically polarized at an effective antenna height of 300 meters above average terrain in the vicinity of Conway, Florida. This application is mutually exclusive with the applications, File No. BPED-890412MJ for channel 202C2 at Conway, Florida and File No. BPED-881207MA for channel 202C2 at Union Park, Florida. The application for Union Park is to be cut-off November 28, 1989.

ATTACHED FIGURES

In carrying out the engineering studies, the following attached figures were prepared by me or under my supervision:

- 1. Proposed engineering specifications.
- 2. Elevation drawing of the antenna system.
- 3. USGS Topographic Map showing the transmitter site and coordinate lines.

- 4. Map showing the proposed 1 mV/m contour.
- 5. Allocation studies.

PROPOSED OPERATION

It is proposed to utilize a type accepted transmitter which in conjunction with a two bay circularly polarized antenna and 300 meters of 1-5/8 inch air dielectric transmission line will produce an effective radiated power of 1.9 kilowatts horizontally and vertically polarized as shown in the attached Figure 1.

PROPOSED SITE

It is proposed to side-mount the Channel 202 FM antenna on the 490 meter tower structure located 4.0 kM NE of Bithlo, Florida upon which the antennae of FM stations WSSP, WSTF and WHTQ are also mounted. Since the antenna is to be side-mounted on an existing tower it is not considered necessary to notify the FAA. The tower structure construction was approved by the FAA for heights of 1609 feet above ground, 1674 feet above mean sea level. For the same reason, the proposed tower construction will not be a major action as defined by Section 1.1305 of the Commission's rules. Therefore it is not considered necessary to submit an environmental impact statement. maximum power density at the base of the tower from the proposed antenna would be increased from 0.25 mW/cm² from the licensed operation of WSSP(FM), WSTF(FM), and WHTQ(FM) and the authorized operation of WRBW(TV) to 0.26 mW/cm² as a result of the operation of the proposed FM facility. significantly less than the maximum power density of 1.0 mW/cm² allowed by ANSI. There are no AM broadcast stations within two miles of the proposed site. There are no other FM, TV or non-broadcast stations in the vicinity of the proposed tower. The blanketing contour (115 dBu) extends 0.54 kM (0.34 miles) from the transmitter based on free space field. If blanketing interference is caused to the few residents of this rural area the applicant will take steps to eliminate the interference in accordance with the FCC rules.

ALLOCATION STUDY

The proposed operation of the Channel 202 facility will not create prohibited contour overlap with any co-channel or adjacent channel FM stations. The interfering and protected contours of the most critical stations are shown on the map Figure 5. It can be seen that the most critical separation is that between the proposed 54 dBu contour of the Channel 202 station and the 60 dBu contour of the application, File No. BPED-881101MA for channel 203A at Palm Bay, Florida which contours fail to overlap by approximately 12 kM.

POSSIBLE CHANNEL 6 TV INTERFERENCE

The only channel 6 TV station within 257 kM of the proposed channel 202 FM site is WCPX-TV at Orlando which is located 2.96 kM NW of the proposed site. It was not possible to mount the FM antenna on the tower occupied by WCPX-TV due to the fact that there was no more room left on that tower. It was suggested by WCPX personnel that the FM antenna be mounted on the proposed nearby tower with the expectation that any interference created in the rural area about the two towers could be easily eliminated by the installation of filters in the affected receivers. The applicant has received and is including in the application a letter from WCPX agreeing to cooperate in seeking a license for the proposed station. Since the licensee of WCPX-TV has agreed to cooperate in this endeavor it was not considered necessary to submit any studies showing the predicted interference area to channel 6 reception.

COMPLIANCE WITH FM STATION MILEAGE SEPARATION REQUIREMENTS

The proposed site will meet all separation requirements involving intermediate frequency interference. The nearest Channel 255 or 256 station is the application, File No. BMPH-880920IG, WURG Channel 255C2 at Orlando, Florida which is 30.1 kM away where a separation of 17 kM is required from the proposed Channel 202 C3 facility.

AREA AND POPULATION ANALYSIS

The land area within the proposed 1 mV/m contour was determined by using a polar planimeter on the original coverage map. The population served by the proposed 1 mV/m contour was determined by using 1980 census data and a computer program which added the population of all enumeration districts whose centroids fall within the contour. The land area and population which would be served by the proposed 1 mV/m contour are 3,794 square kM and 547,074 persons respectively.

KESSLER AND GEHMAN ASSOCIATES, INC.

Keith J. Blanton

Keith G. Blanton, Consultant

November 17, 1989

SOUTHWEST FLORIDA COMMUNITY RADIO, INC.

CONWAY, FLORIDA

ENGINEERING SPECIFICATIONS

X.	Transmitter	Cita
-	TYANKUITTEE	>1 F

Geographic coordinates determined from WSSP License

North Latitude 28⁰34¹51" West Longitude 81⁰04¹32"

Street Address

20000 Fort Christmas Road

Christmas, Orange County, Florida

B. Proposed Facility

	Channel	Number Frequency	202 88.3	MHz
c.	Antenna Height			
	Height of site above mean sea level	a	20	Meters
	Overall height of structure above gr	ound	400	Mahara

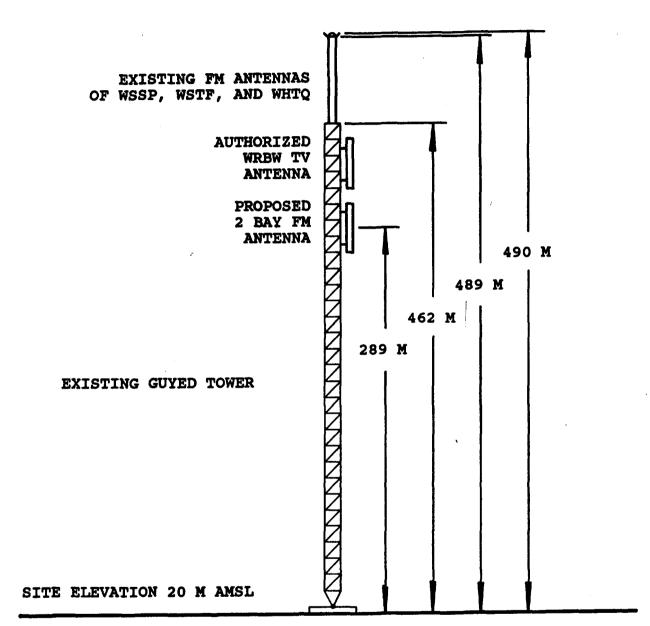
(including all appurtenances)	490	Meters
Overall height of structure above mean sea level		
(including all appurtenances)	510	Meters
Height of site above average terrain	11	Meters
Effective height of antenna above ground	289	Meters
Effective height of antenna above average terrain	300	Meters
Effective height of antenna above mean sea level	309	Meters

D. Proposed Operation

Transmitter power output 2.95 kW 0.644 Transmission line efficiency Input to antenna 1.9 kW

	Horizontal	<u>Vertical</u>
Antenna power gain	1.0	1.0
Effective radiated power	1.9 kW	1.9 kW
891114		FIGURE 1

ELEVATION VIEW



OVERALL	HEIGHT,	AGL	490	M
OVERALL	HEIGHT,	AMSL	510	M
RADIATIO	N CENTER	R, AGL	289	M
RADIATIO	N CENTER	R, AMSL	309	M

COORDINATES:

N. LATITUDE 28° 34' 51"
W. LONGITUDE 81° 04' 32"

NOTE: NOT TO SCALE

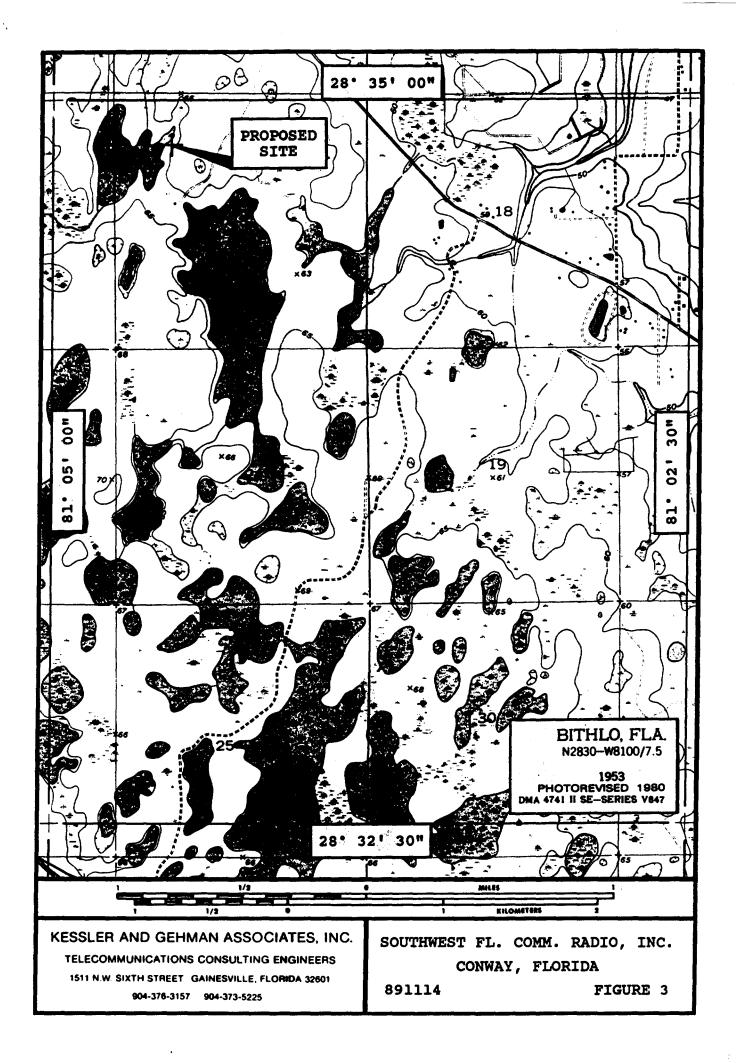
KESSLER AND GEHMAN ASSOCIATES, INC.

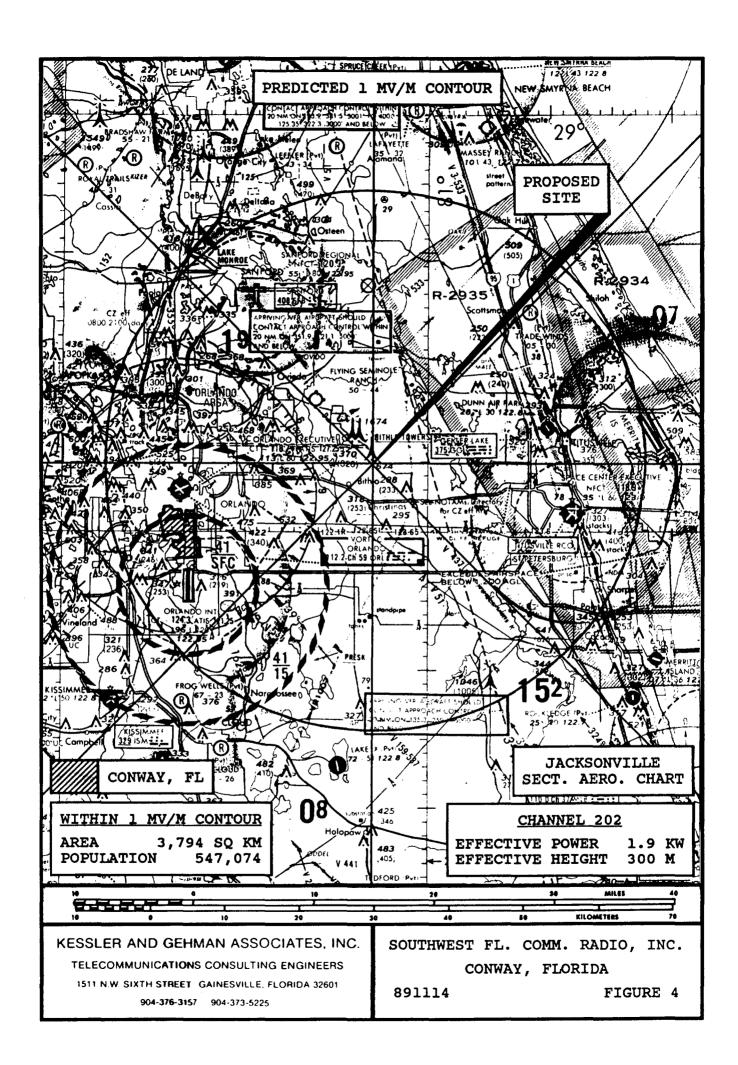
TELECOMMUNICATIONS CONSULTING ENGINEERS
1511 N.W. SIXTH STREET GAINESVILLE, FLORIDA 32601
904-376-3157 904-373-5225

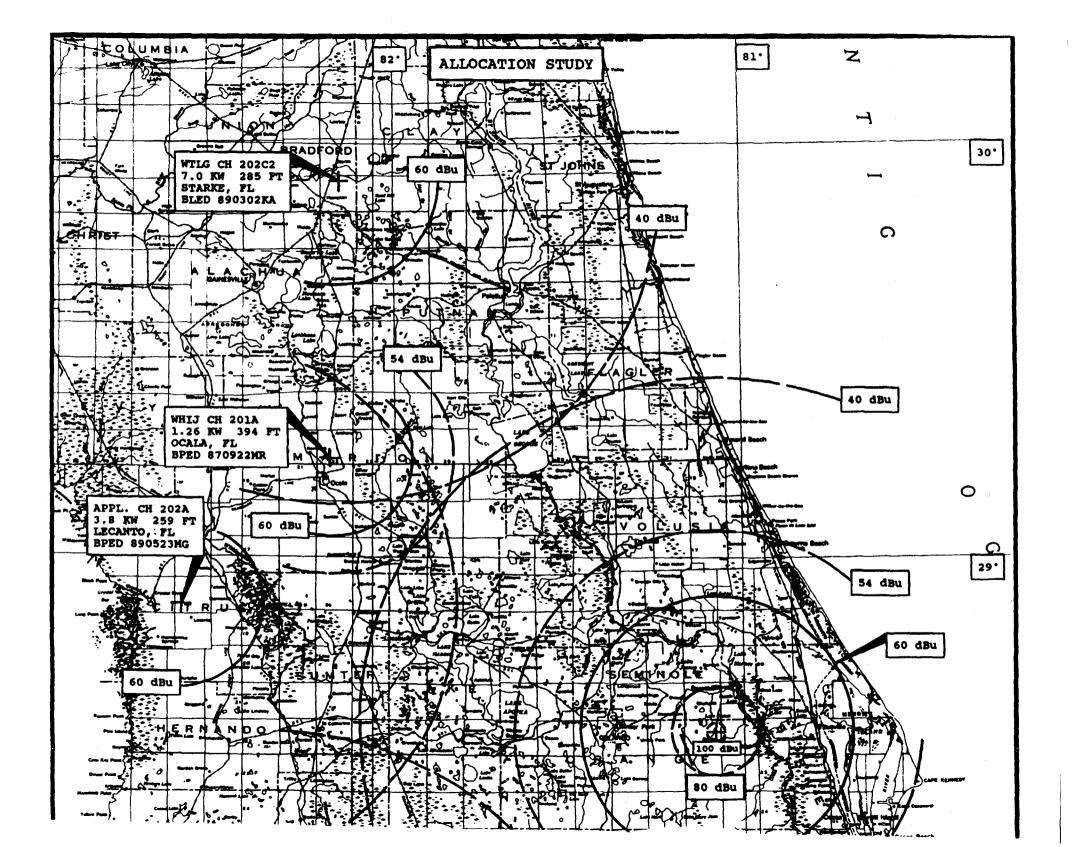
SOUTHWEST FL. COMM. RADIO, INC. CONWAY, FLORIDA

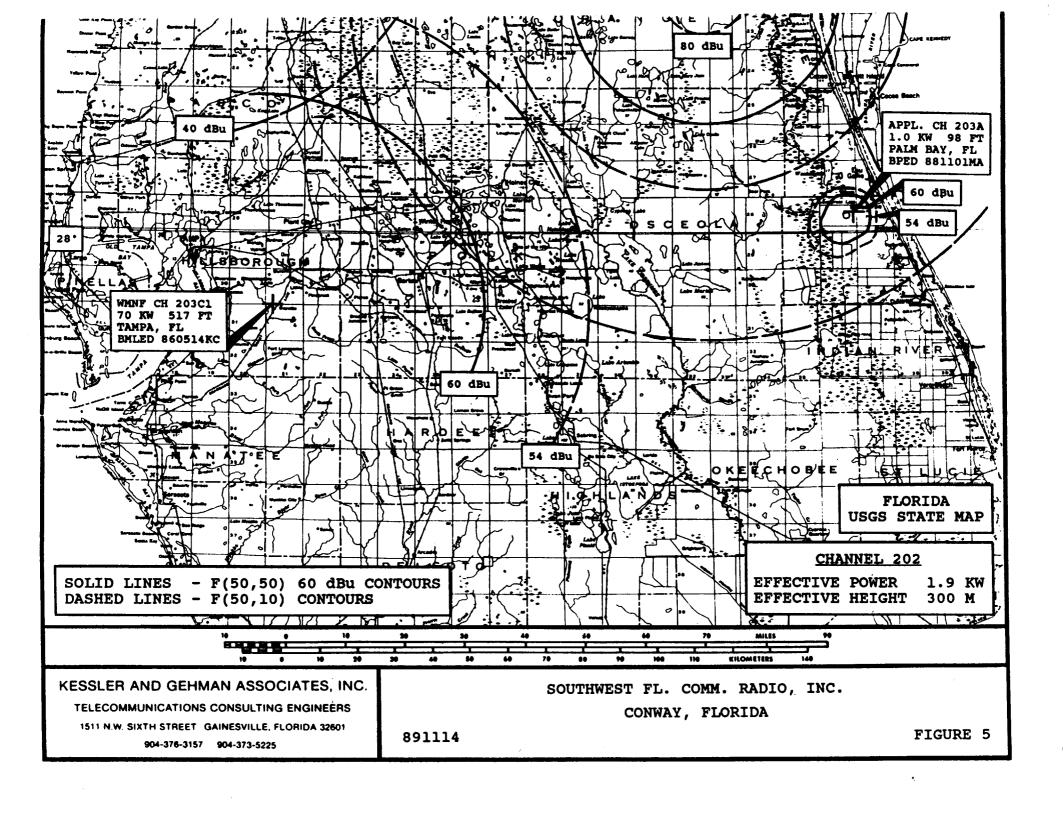
891114

FIGURE 2









November 21, 1989

Federal Communications Commission 1919 M Street Northwest Washington, D.C. 20554-1800

Dear Secretary,

This application has been coordinated with the full cooperation of WCPX-TV Channel 6. The applicant has assured WCPX-TV that any interference problems will be promptly dealt with in such a manner as to satisfy any viewer of WCPX-TV, and the ownership of WCPX-TV.

Attached please find the acknowledgement from WCPX-TV that this application meets with their approval and cooperation.

Respectfully yours,

Robert D. Augsburg

President



November 13, 1989

Mr. Bob Augsburg WAYJ-FM P.O.Box 061275 Fort Myers, FL 33906

Dear Mr. Augsburg,

I received your letter requesting WCPX's cooperation in your seeking of a license for 88.3MHz, Channel 202.

As I explained on the phone, co-location with the WCPX, Ch 6 transmitter is not possible due to the present lack of space on our tower. This tower is jointly owned by WCPX and WFTV and has other broadcasters on it, virtually filling the tower to capacity. Co-location would be my first choice is the room were available.

If you secure a position on the Gannet tower, which is approximately one and one quarter miles from the WCPX transmitter, and intend to cooperate on any and all 88.3MHz induced interference problems, WCPX is more than willing to cooperate with you on your license seeking.

My experience has been that proper receiver antenna installations and FM trap filters can do a lot to eliminate TVI problems. In an already crowded spectrum, cooperation is the only way we can all exist.

Respectfully,

Robert K. Diehl Chief Engineer

copy: Michael Schweitzer, G.M., file

DOCUMENT OFF-LINE

This page has been substituted for one of the following:

- o An oversize page or document (such as a map) which was too large to be scanned into the RIPS system.
 - o Microfilm, microform, certain photographs or videotape.
- o Other materials which, for one reason or another, could not be scanned into the RIPS system.

The actual document, page(s) or materials may be reviewed by contacting a Dockets Clerk. Please note the applicable docket or rulemaking number, document type and any other relevant information about the document in order to ensure speedy retrieval by the Dockets Clerk.

ORIGINAL

BEFORE THE

Federal Communications Commission

WASHINGTON, D.C. 205540

In re Applications of

BIBLE BROADCASTING NETWORK, INC.

File No. BPED-890412MJ

SOUTHWEST FLORIDA COMMUNITY RADIO, INC.

File No. BPED-891127MC ✓

HISPANIC BROADCAST SYSTEM, INCREC | WFED-891128ME

For a New Noncommercial Educational FM Broadcast Station in Conway, Florida OCT 1 0 1990

FM EXAMINERS

PETITION FOR LEAVE TO AMEND

Federal Communications Commission Office of the segretaries Southwest Florida Community Radio, Inc. (Southwest) this petition for leave to amend its application. Southwest proposes a new transmitter site and proposes to diplex into the WCPX-TV Channel 6 antenna.

Good cause exists to grant Southwest's petition for leave to amend. On July 25, 1990, Florida Public Radio, Inc. (FPR) filed a petition to dismiss or deny the application of Southwest as well as the mutually exclusive application of the Bible Broadcasting Network, Inc. (BBNI) and Hispanic Broadcasting System, In essence, FPR implies that Southwest's proposal, as well as the other referenced proposals, would cause impermissible interference since Southwest and the others do not propose to colocate their antennas on the same tower utilized by WCPX-TV Channel 6, Orlando, Florida. FPR also alleges that Southwest had not obtained proper authorization from WCPX-TV. In response to FPR's petition, Southwest filed an "Opposition to Petition to

JAIGINA.

Dismiss or Deny" demonstrating there is no merit to the allegations raised in FPR's petition. BBNI also responded to FPR's petition by amending its application to specify the existing tower utilized by WCPX-TV Channel 6. Southwest was surprised by the proposal since it had earlier sought permission from WCPX-TV to utilize the WCPX-TV tower, and its request was denied. See attached letter. Southwest subsequently again contacted WCPX-TV to inquire whether it would be feasible to utilize the WCPX-TV tower. This time, WCPX-TV indicated it would be willing to diplex the 88.3 mHz signal on its Channel 6 antenna. See attached letter dated September 17, 1990.

The Commission's rules recognize that the optimal solution to minimizing Channel 6/FM interference is co-location of the transmitters and antennas of the FM station and the Channel 6 Southwest's amendment proposes such a cotelevision station. This benefits the public interest by minimizing any potential for interference. In addition to the public interest benefits in granting the Southwest amendment, Southwest has met the traditional good cause showing for acceptance of the Royce International Broadcasting v. FCC, 820 F.2d amendment. 1332, 1335 (D.C. Cir. 1987). The amendment was filed with due diligence within 30 days after Southwest received authorization from WCPX-TV to diplex its signal. The amendment was involuntary since Southwest was unaware until BBNI filed its petition for leave to amend that diplexing was an option. Finally, acceptance of the amendment will not require the addition of parties or issues, will not disrupt the proceeding, will not prejudice any

party, and will not result in a comparative advantage to Southwest.

WHEREFORE, it is respectfully requested that Southwest's petition for leave to amend be granted.

Respectfully requested,

SOUTHWEST FLORIDA COMMUNITY RADIO, INC.

GAMMON & GRANGE 1925 K Street, N.W. Suite 300 Washington, D.C. 20006 (202) 862-2000

October 3, 1990

A. Wray Fitch I

Its Counsel



November 13, 1989

Mr. Bob Augsburg WAYJ-FM P.O.Box 061275 Fort Myers, FL 33906

Dear Mr. Augsburg,

I received your letter requesting WCPX's cooperation in your seeking of a license for 88.3MHz, Channel 202.

As I explained on the phone, co-location with the WCPX, Ch 6 transmitter is not possible due to the present lack of space on our tower. This tower is jointly owned by WCPX and WFTV and has other broadcasters on it, virtually filling the tower to capacity. Co-location would be my first choice is the room were available.

If you secure a position on the Gannet tower, which is approximately one and one quarter miles from the WCPX transmitter, and intend to cooperate on any and all 88.3MHz induced interference problems, WCPX is more than willing to cooperate with you on your license seeking.

My experience has been that proper receiver antenna installations and FM trap filters can do a lot to eliminate TVI problems. In an already crowded spectrum, cooperation is the only way we can all exist.

Respectfully,

Robert K. Diehl Chief Engineer

copy: Nichael Schweitzer, G.M., file



September 17, 1990

Mr. Robert Augsburg WAYJ-FM 88.7 Fort Meyers, FL 33906

Dear Mr. Augsburg,

This is in response to our conversation of a few days ago concerning your application for 88.3MHz to be issued in the Central Florida area.

WCPX-TV is willing to entertain diplexing the 88.3MHz signal on it's Channel 6 antenna on it's tower located at Bithlo, Florida. You have stated that you would bear any expenses for the purchasing and installation of the needed diplexer to accomplish this. We would be happy to work with you on this should you receive the 88.3 Construction Permit.

Good luck with your application.

Respectfully,

Robert K. Diehl Chief Engineer

In the Matter of Application of) `
Southwest Florida Community Radio, Inc. Conway, Florida) File No. BPED 891127MC
For Construction Permit for a New FM Educational Station on Channel 202C2 Conway, Florida	

AMENDMENT

Please amend the above referenced application for Channel 202C2 Conway Florida.

Submitted on this 25 day of <u>September</u>, 1990

Respectfully submitted,

Robert D. Augsburg/President

AMENDMENT TO APPLICATION FOR CONSTRUCTION PERMIT

CH. 202 ERP 1.9 KW H. POL AT 446 METERS AAT

NEW EDUCATIONAL FM BROADCAST STATION

SOUTHWEST FLORIDA COMMUNITY RADIO, INC.

CONWAY, FLORIDA

900914



		BROADCAST ER	IGINEERING DAT	A	File No.	Date	
Name of Appi		EST FLORIDA	COMMUNITY RADI	O, INC.			
Call létters (i					ed in respons	e to a window?	Yes X No
			If Yes, specify				
Purpose of A	pplication: (ehe	ck appropriate be	#(0 \$}}				
X Const	ruct a new (ma	in) facility		Const	ruct a new au	oxiliary facility	
Modif	y existing cons	ruction permit fo	r main facility	Modif	y existing con	struction permit f	or auxiliary facility
Modif	y licensed main	facility		Modif	y licensed aux	ciliary facility	
If purpose is	to modify, indic	ate below the na	lure of change(s) an	d specify th	e file number(s) of the authoriz	ations affected.
Anten	na supporting-s	tructure height		Effect	tive radiated p	ower	
Anten	na height above	average terrain		Freque	ency		
Anten	na location			Class			
Main :	Studio location			Other	(Summarize br	i o f IvI	
File Number 1. Allocation: Channel No.	r(s)	Principal co	ommunity to be sen	/ed:		Class (check e	nly one box below!
	City		County		State		В1 🔲 В 🔲 С:
202	Conwa	y 	Orang	je 	FL	X C2	C1
(a) Specify a		420 east of	Lake Picket ne	ear Bithl	o, Orange	County, Flor	s of center of array.
(b) Geographi Otherwise		r location. Specif	nd), it mounted on y South Latitude or		de where app	licable; otherwise,	North Latitude or
(b) Geographi Otherwise West Loi	e, specify towe	r location. Specif	y South Latitude or		de where app	otherwise,	North Latitude or
(b) Geographi Otherwise West Lor Latitude	e, specify towering tude will be 28 output to the structure of the structu	r location. Specifipresumed.	y South Latitude or	East Longitu	81 °	05	
(b) Geographi Otherwise West Loi Latitude Is the suppo application(s)	e, specify towerngitude will be 28 orting structure to the structure of	r location. Specifipresumed.	O8 " (another station(s)	Longitude	81 °	05	37 " X Yes No

Latitude	Longitude		
Has the FAA been notified of the proposed construction? If Yes, give date and office where notice was filed and attaced determination, if available.			res
Date August 16, 1990 Office where filed	Atlanta, GA		
List all landing areas within 8 km of antenna site. Specify dist			
	stance (km)	Bearing (degrees 1	rue)
(a) <u>None</u>			
(a) Elevation: (to the nearest meter)			
(1) of site above mean sea level;		20	meters
(2) of the top of supporting structure above ground (inclu appurtenances, and lighting, if any); and	iding antenna, all other	490	meters
(3) of the top of supporting structure above mean sea lev	vel [(a)(1) + (a)(2)]	510	meters
(b) Height of radiation center: Ite the nearest meter! H = H	lorizontal; V = Vertical		
(1) above ground		438	meters
			meters
(2) above mean sea level [(a)(1) + (b)(1)]		458	meters
			meters
(3) above average terrain		446	meters
			meters
Attach as an Exhibit sketch(es) of the supporting structure, label in Question 7 above, except item 7(bX3). If mounted on an A specify heights and orientations of all array towers, as well as	M directional-array element,	Exhib) *Fig.	
Effective Radiated Power:	1.9.	H#)	
(a) ERP in the horizontal plane (b) Is beam tilt proposed?	kw (H#)Ye	
• • •	am, and attach as an Exhibit a verti		

900914 FCC 340 (Page 13) May 1989